Color Theory
2 hour CEU

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Beverly Vosko's
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Color Theory   .2 CEU Handouts
Welcome to our seminar!

Color is a reflection of light: when light passes through a glass prism, it is broken up into a rainbow of all the visible colors which can be seen with red at one end and blue at the other

When the entire color spectrum is combined and seen at one time– humans see white light

An object absorbs all the colors of light except the color of the object, which is the color that we see; so for example a red object is actually one that absorbs all colors but red and reflects back only red light

 A primary color is a color that cannot be produced through mixing

The 3 primary colors are red, yellow and blue.

The 3 secondary colors are orange, green and violet

The color wheel was invented by Johann Wolfgang von Goethe in 1810 and the band of colors Red, Orange, Yellow, Green Blue and Violet are arranged in a circle so that the end meets the beginning

There are various color systems. The color system used by the Interior Design world, is the Munsell Color System created by Albert Henry Munsell which describes color in terms of hue, value and chroma:

Hue simply means the name we give to a color such as red.
Value is the lightness or darkness of a color… adding white, lightens a color without changing its hue and adding black, darkens a color without changing its hue… Munsell measures value by means of a scale of tones from 1-10 from dark to light , with 1 being black the darkest and 10 being white
Light values from 6-9 are called tints Dark values from 1-4 are called shades
Chroma is the intensity or purity of a color
Complementary colors are opposite each other in the color wheel: red is across from green, orange is across from blue and yellow is across from violet
Red, orange and yellow are warm colors
Green, blue and violet are cool colors
People's attitudes and experiences as well as the context they are viewing the color in influence how they feel about a particular color
Color has a psychological impact on how people feel:
Red makes people feel excitement, action danger, and passion
Orange makes people feel optimistic
Yellow makes people feel happy
Green makes people feel reborn, rested and natural
Blue makes people feel peaceful and calm

Violet makes people feel royal
Pink makes people feel feminine
Brown makes people feel comfortable
White makes people feel pure
Black makes people feel powerful
Different cultures feel differently about various colors and if you are working with people of diverse cultures or in a different country that the U.S. you need to know how they feel about the colors you are using

Color schemes can create color harmony:
Monotone color schemes use a single color of low chroma such as greys, tans or tinted whites
Monochromatic color schemes use a wider range of chroma and value in single hue
Analogous color schemes use a color and the 2 colors adjacent to it on the color wheel
Complementary color schemes use contrasting hues from opposite sides of the color wheel – best to use large areas of 1 low chroma color mixed with small amounts of a stronger version of its complementary color used as an accent color
Triad Schemes use 3 hues equidistant from one another on the color wheel
Tetrad Schemes use 4 hues and are very hard to do successfully
Glossy finishes, textured surfaces, various large and small scale patterns and metallic finishes all can alter the appearance of a particular color.
Color also changes when viewed in relationship to adjacent colors surrounding it
Warm colors are said to advance ie appear closer than they really are…
while cool colors recede, ie appear farther away than they really are
Light colors make objects look larger and lighter than they really are
And dark colors make them look smaller and heavier than they really are
Since color is a reflection of light, you must look at all the colors you are planning on using in the light of the actual built space of your project and with the ambient or general light that you are planning on using in that space

3 Approaches to help your client if they can't choose what color to use:
-Natural Color Scheme – which only uses materials in their natural color resulting from its growth or manufacture and most of these natural colors are warm neutral colors
All Neutral Color Scheme is similar to the all natural color scheme but the choice of neutrals is arrived at without concern for using naturally colored materials
Neutrals Plus Color Schemes are neutral color schemes accented with punches of a strong color and are very popular today
Functional Color Schemes want every color to be purposeful in some way and have functional intentions such as to warm up a room with a northern orientation or make a space larger or smaller and more cozy
Care must be taken to choose color for specialized interiors such as offices and schools that fit with those spaces and don't look to institutional looking
Offices should be decorated in soft warm tones..too much white can lead to brightness and glare and drab tones can be boring

Schools should not be decorated in drab tones and strong primary colors can be too cliché

Restaurants can be decorated with colors in keeping with their cuisine and price level

Stores and Showrooms should use colors that highlight the goods on display and reflect the price level and quality of the merchandize being sold

Medical and Healthcare Facilities should project a restful, calming optimistic ambience that promotes recovery and good health for the patrons of those facilities… fenestration and visual contact with the outdoors makes people feel good and soft cool colors are calming. Avoid stark white or institutional green and avoid strong colors that can be either depressing or too stimulating

Hotel and Motel lobbies and rooms need to use colors that exude whatever image that venue wishes to project, be it luxury, relaxation or fun.

Assisted Living Facilities should have stronger brighter colors than might seem normal for other venues, so that elderly individuals with diming eyesight will see those colors and be able to enjoy them.

Industrial settings can use colors that signify safety to avoid accidents

Creating a beautiful color scheme:

Select all the major items intended to be utilized in a space prior to purchasing anything for that space to insure that it all looks well together,

Procure swatches of everything you intent to use and view those swatches in the actual space you are decorating and view those swatches in both daylight and ambient light to insure that it looks good both during the daytime and at night.

Decide if you are using Incandescent, flourescent, or LED lighting and view all those swatches under the exact light you intend to use in that space – because since color is a reflection of light, it will change with different lighting.

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Biography

Beverly Vosko, Allied Member ASID, RID, UDCP (Universal Design Certified Professional), CAPS, L.E.E.D Green Associate, CGP (is a full service, Registered Interior Designer in Texas #6333. She is President and founder of both Beverly Vosko Interiors and InteriorDesign-ED; both DBA's for C. V. Design Inc. For over 25 years, she has been designing homes across the United States and Europe, specializing in creating custom residential and commercial environments, be they traditional, transitional, contemporary or eclectic, that match her design clients' every need, through her design firm, Beverly Vosko Interiors. For nearly 20 years, she has taught Interior Design: first at Rice University, then at the University of Houston, and for the last 10 years nationally, with her Continuing Education company, InteriorDesign-ED. Specifically, she has taught Interior Design, Aging in Place, Green/Sustainable Design, Lighting and Antiques. She graduated Phi Beta Kappa, Magna Cum Laude from the University of Pennsylvania, studied Art History at Harvard University, received her MBA in Marketing from NYU Stern Graduate Business School, and completed Design and Antiques training from Sotheby's, the world-renowned Inchbald School of Design and Houston Community College. Please view her websites, www.vosko.com and www.InteriorDesign-ED.com

Color Theory 2 hour CEU 3807 Riley St. Houston, Texas 77005 Tel. 713 464-0055 Cell 713 269-6909 Email: Website: www.InteriorDesign-ED.com Beverly Vosko'€™s InteriorDesign-ED Color Theory .2 CEU Handouts Welcome to our seminar! Color is a reflection of light: when light passes through a glass prism, it is broken up into a rainbow of all the visible colors which can be seen with red at one end and blue at the other When the entire color spectrum is combined and seen at one time'€" humans see white light An object absorbs all the colors of light. Color Theory is the second studio album by American singer-songwriter Soccer Mommy, released by Loma Vista Recordings on February 28, 2020. Color Theory was met with positive reviews from critics noted at review aggregator Metacritic. This release received a weighted average score of 81 out of 100, based on 21 reviews. All tracks are written by Sophie Allison. Notes. All track titles are stylized in all lowercase letters. List of 2020 albums.

CG Cinematography Color Theory is about this mysterious yet fascinating subject of mixing colors to convey an emotion. It's all about storytelling. Color Wheel is an interesting tool to start working with colors. They are two main different models of mixing colors : CMYK : The CMYK color model is a subtractive color model, used in color printing. RGB : The RGB color model is an additive color model in which red, green and blue light are added together in various ways to reproduce a broad array of colors, used in CG. Complementary colors are two colors that sit directly across from each other on the color wheel. Red and green, for instance, are complementary colors. A color scheme based on complementary colors will be quite vibrant, as the two colors contrast against one another. The stark contrast can make it difficult to work with on a large scale; but, used in small doses, it's a great way to pull attention to a particular area. Analogous. Color Theory. Sleepy-Nova. Info. Created. 13 days, 2 hours ago. Creator. Sleepy-Nova. Characters. Color Theory. Details. Viewing watermarked image. Color Theory. Details. Viewing watermarked image. Credits. 25 Apr 2020, 12:02:52 pm. https://www.deviantart.com/vchart920. Characters. Color Theory. Details. Viewing watermarked image.